

Converting Colors

CIELCh(67, 19.487, 127.705)

Have a look what the booklet for
CIELCh(67, 19.487, 127.705)
contains.

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Color

CIELCh(67, 19.199, 127.653)

Conversions

Conversions Part 1

Format	Color
Hex	98A887
RGB	152, 168, 135
RGB Percent	60%, 66%, 53%
CMY	0.4023, 0.3396, 0.4690
CMYK	0.10, 0.00, 0.20, 0.34
HSL	89°, 16%, 60%
HSV	89°, 20%, 66%
XYZ	31.5044, 36.6320, 28.4783
YIQ	159.4540, 1.0570, -13.6550

Conversions

Conversions Part 2

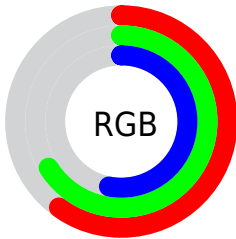
Format	Color
RYB	135, 168, 151
Decimal	10004615
CIELab	67.00, -11.73, 15.20
CIElCh	67, 19.199, 127.653
Yxy	36.6320, 0.3261, 0.3792
Android (android.graphics.Color)	4288194695 (0xFF98A887)
YUV	159.4540, -12.0558, -6.5372
Hunter-Lab	60.5244, -13.0040, 14.4696

Details

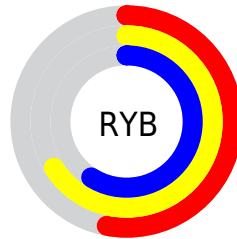
The CIELCh color $67, 19.199, 127.653$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $59, 19.730, 309.451$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 19.320, 127.857$, and $47, 19.269, 127.320$ is the 20% darker color. If you saturate the color by 10%, you get $66, 28.937, 127.173$, and if you desaturate by 10%, it is $68, 9.399, 128.126$.

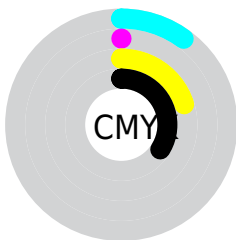
Distribution



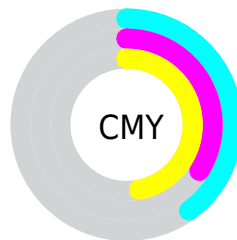
- Red (60%)
- Green (66%)
- Blue (53%)



- Red (53%)
- Yellow (66%)
- Blue (59%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (34%)





- Cyan (40%)
- Magenta (34%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 19.199, 127.653 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 67, 19.199, 127.653 by changing the saturation by 10% instead.


 67, 19.199,
127.653


 67, 19.199,
127.653


 100, 19.199,
127.653


 57, 19.199,
127.653


 87, 19.199,
127.653

 47, 19.199,
127.653

 97, 19.199,
127.653

 37, 19.199,
127.653

 27, 19.199,
127.653

 17, 19.199,
127.653

 7, 19.199, 127.653

 0, 19.199, 127.653

67, 19.199,
127.653

67, 19.199,
127.653

66, 28.937,
127.173

68, 9.399, 128.126

65, 38.502,
126.698

69, 0.395, 308.302

64, 47.745,
126.264

70, 10.128,
308.951

64, 56.448,
125.928

71, 19.764,
309.327

63, 64.304,
125.773

73, 29.275,
309.666

63, 70.924,
125.912

74, 38.643,
309.969

62, 75.909,
126.464

75, 47.856,
310.241

62, 79.348,

76, 49.402,
313.026

127.387

■ 77, 50.210,
316.057

■ 62, 79.478,
127.421

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67, 19.199, 127.653



59, 19.730, 309.451

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67, 19.199, 127.653



67, 19.199, 177.653



67, 19.199, 307.653



67, 19.199, 357.653

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67, 19.201, 127.655



87, 7.270, 128.289



64, 11.293, 71.241



46, 4.816, 128.260



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 19.201, 127.655



85, 29.121, 127.423



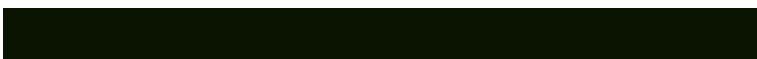
66, 22.237, 142.803



35, 5.534, 128.141



55, 72.124, 127.245



5, 10.279, 131.016

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59, 19.730, 309.451



72, 30.135, 309.702



60, 22.266, 325.023



33, 5.611, 308.941



22, 83.245, 311.756



1, 9.980, 306.127

Previews

White Background



This preview shows how the CIELCh color 67, 19.199, 127.653 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 19.199, 127.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

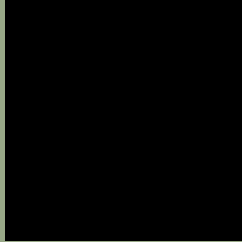
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 19.199, 127.653

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.199, 127.653.



This preview shows how white text looks on a background with the CIELCh color 67, 19.199, 127.653.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
67, 19.199, 127.653

Protanopia
67, 16.455, 94.089

Deuteranopia
67, 16.266, 59.881



Tritanopia
67, 7.377, 276.622

Trichromacy



Original Color
67, 19.199, 127.653

Protanomaly
67, 16.458, 107.032

Deuteranomaly
67, 14.236, 86.969

Tritanomaly
67, 4.077, 166.389

Monochromacy



Original Color
67, 19.199, 127.653

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.034, 128.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.199, 127.653 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(152, 168, 135)` looks like.

```
.text, #text, p{  
    color:rgb(152, 168, 135)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(152, 168, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 168, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.199, 127.653 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 168, 135) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(152, 168, 135) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(152, 168, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 168, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 168, 135);  
box-shadow:4px 4px 4px 4px rgb(152, 168,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.199, 127.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 168, 135) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(152,  
168, 135) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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